



New WBS Structure Proposal

- Lessons from recent WBS work
 - proliferation of cost accounts at some institutes – not workable
 - optimization of BOEs
- New proposal (just a renumbering)
 - Deliverables at WBS L4: 6.X.Y.Z
 - X = L2 system
 - Pixels-1, Strips-2, ITK Common-3, LAr-4, Tile-5, Muon-6, DAQ-7, Trigger-8
 - proposal: split Trigger and DAQ(?) into two separate L2 systems, reflecting NSF/DOE
 - Y = Institute
 - Z = Deliverable: unique number for each deliverable in the L2 system
 - Cost Accounts at WBS L3 (i.e. one per institute)
 - BOEs at WBS L4 (one per deliverable)
 - ==> a single BOEs may cover work at several institutes
- Examples posted off of Indico page



Prioritization

- Need objective and clear prioritization criteria
 - both for US ATLAS colleagues and reviewers/agencies
 - as you know, prioritization will be a hard job!
 - total requests at time of JOG ==> \$290M budget (c.f. \$220M guidance)
- Possible prioritization criteria
 - a. How well does the task fit with US ATLAS interests
 - b. How well is the proposal integrated into ATLAS-wide planning
 - c. Does the necessary expertise/resources exist at the institute
 - d. Has R&D work already been done on this task at the institute
 - e. Is the work/resources plan well-developed and realistic
 - f. anything else ?
- Once we have agreed – distribute this list to all institutes
 - also need to include institutes in writing BOEs



Budget Details

- L2 Targets

- create L2 budget that meets “baseline” target from JOG
 - do not include contingency in these numbers
 - do include a list of prioritized items beyond the “baseline”
- DOE Targets
 - cover period: FY17 – end of construction (OPC + TEC)
 - no installation & commissioning (will come out of M&O)
- NSF Targets
 - cover period: FY20 – end of construction (only TEC in DOE language)
 - also include separate FY17-FY20 estimates
 - funded via a combination of R&D and pre-construction funds
 - do not (yet) include estimates for installation & commissioning

- Contingency

- we will assign this globally based on your assessments of risk

- Installation & Commissioning

- will need to decide how/if to include this for NSF items